RICH Detector Status

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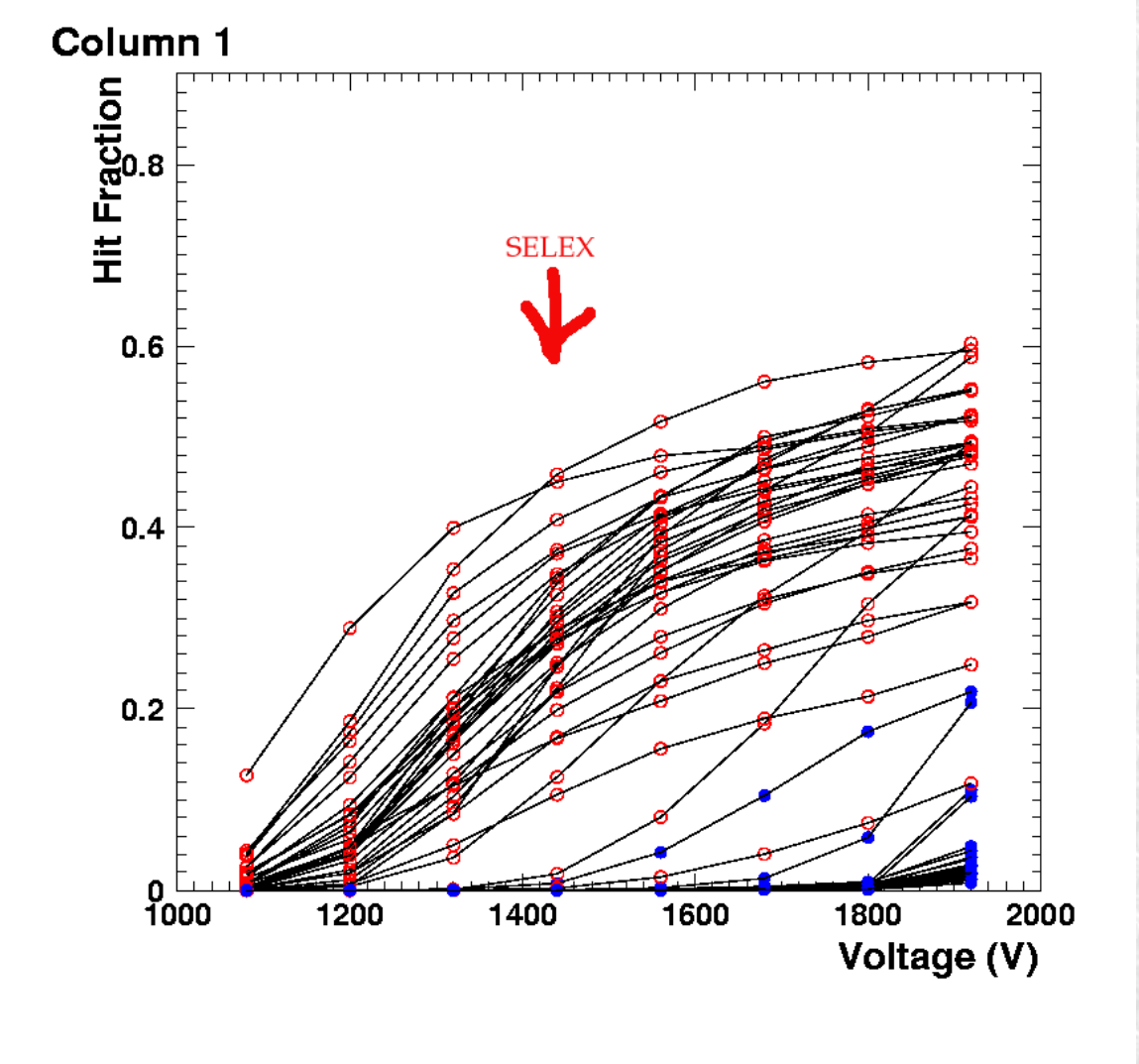
Overview: we are ready to boogie

- First detector to be readout through 0.1 level of DAQ
  - About 350 MB of useful data written
- HV zener divider box was modified so that individual HV values can be readout through LeCroy ADC's
- Detector is purged with N_2 (thanks to Jim Kilmer)
- HV scans with LED's were started yesterday

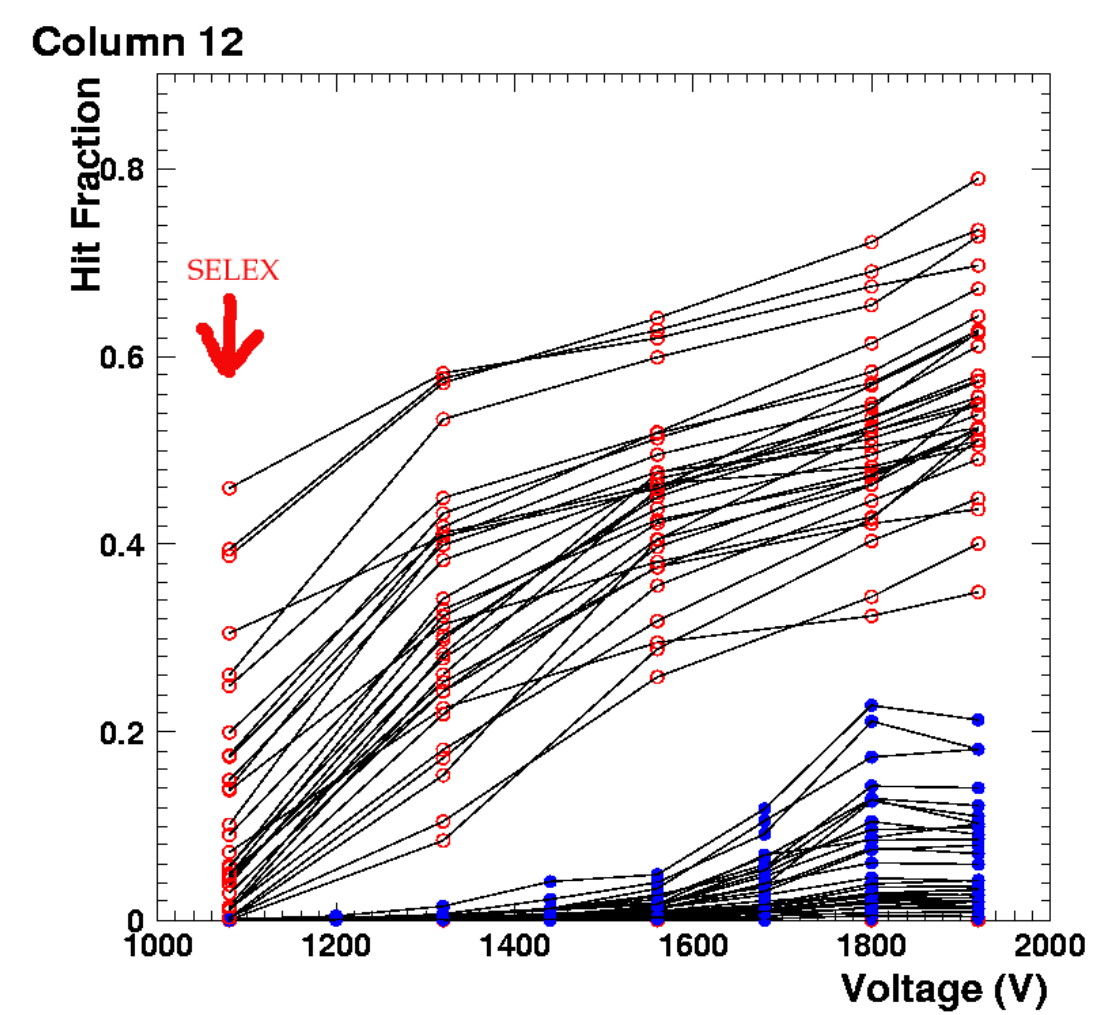
HV Scans

- Average tubes have reasonable gain curves
- Not too noisy
- Not very well efficiency matched!
- We will run with higher HV than SELEX



HV Scans (cont.)

- Tubes which were specified to run with low HV tend to be noisier, but not necessarily more efficient



Plans

- Finish HV scans
  - Solder new HV values
- CO_2 will be ordered (before shutdown?)
- Implement remove HV control
  - HV monitoring too
- Implement temperature monitoring